SUREedge® MIGRATOR

Secure, reliable and efficient application migration to cloud, hyperconverged infrastructure and other transformative data center architectures management

Sureline SUREedge Migrator delivers enterprise-class application mobility with the fastest time to production and least operational disruption by minimizing downtime. With SUREedge Migrator, IT managers can securely and quickly move all applications, operating systems, containers, licenses, IP addresses, data, etc. from any physical or virtual platform to any target platform, whether local or remote. Even migrating back from the cloud is simple.

KEY BENEFITS AND FEATURES

Efficient	• Agentless architecture • WAN throttling algorithms • Deduplicated and compressed data migration
Secure	• Advanced point-to-point security • Military grade encryption during data transit and at rest
Reliable	• Snapshot block-level migration process • Automated transformations with data integrity verification • Support any cloud, hypervisor and hardware with customized support for commonly used complex applications*

* ENGINEERED SOLUTIONS –
To speed up migration, we have custom-built transformations for the most popular environments:

- *AWS*
- *Azure*
- *CenturyLink*
- *Google Cloud Platform*

- *Nutanix AHV (Acropolis)*
- *IBM SoftLayer*
- *OpenStack*

- *KVM*
- *VMware*
- *Windows Hyper-V*

TECHNICAL OVERVIEW

SUREedge Migrator captures application consistent images from any physical or virtual server. These point-in-time images are then replicated, using efficient deduplication, compression and encryption, to a local or remote site or Cloud. These images are used to deploy the application on the target platform. SUREedge Sunshine is available to migrate large amounts of data via a secure transportable appliance for initial data seeding.

SUREedge Migrator includes a migration planner to develop an end-to-end plan to automate the overall migration process. The plan identifies which machines are migrated and when, any pre- and post-migration transformations and interrelationships that create complex applications. Migration plans can be tested locally or remotely to ensure confidence and speed of migration.

Unlock your applications with SUREedge and leverage its automated transformation functionality to migrate from any source to any target local or remote site or Cloud, where dissimilar hardware can be used at the source and target sites.
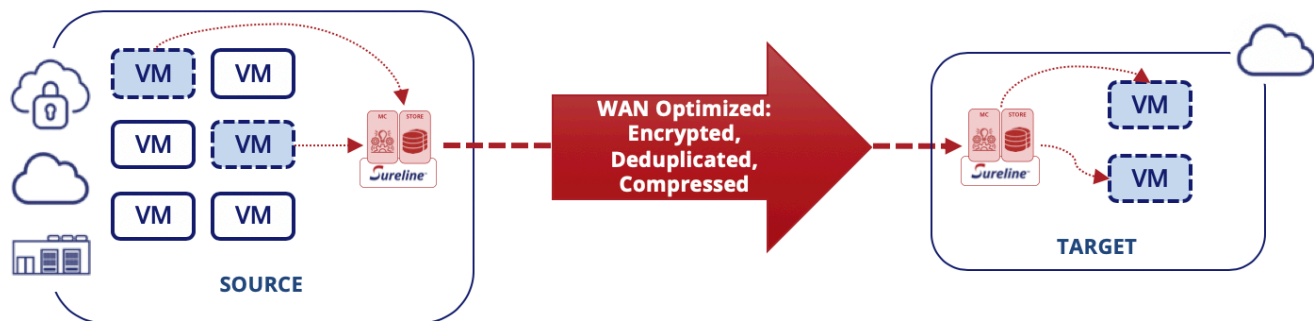
Sureline customer WDI Device reports, "I was impressed with the Sureline Systems team. My servers are healthy ... I spend less time managing them and more time providing service."

– Shane Archibald

IT Administrator, WDI Device

SURELINE APPLICATION MOBILITY

- To and from dissimilar virtual or container environments, clouds, or physical servers, whether local or remote

- Using automated transformations that allow applications to run in a new, and often different, target environment

Sureline ensures all migration steps are completed in a timely, efficient and secure manner:

- Planning
- Data and system image capture
- Replication to target site platform
- Conversion to target site format

- Test
- Final incremental update
- Cut-over (final conversion to the target platform)

OS, VM, CONTAINER AND CLOUD SUPPORT**

Linux: Ubuntu, Red Hat, OpenStack, CentOS, Debian Linux
Microsoft Windows Server: 2003, 2008, 2012 (All - 32/64 bit, including R2)
VMware (5.1 and above) VMs, Hyper-V (2008 and above) VMs, Azure VMs, UNC shares

** Refer to the Sureline website for the latest support

ABOUT SURELINE SYSTEMS

Sureline Systems enables business agility, productivity, and with cloud migration and disaster recovery of any virtual, physical, or containerized application or server at the push of a button. Sureline's patented, award winning SUREedge® enterprise-class software solutions deliver application mobility that is secure, reliable and efficient and is key to enabling transitions to the cloud, new infrastructures and a myriad of other transformative architectures. Sureline partners with industry leaders including Alibaba Cloud, Google Cloud Platform, Oracle, Nutanix, and AWS. Sureline is headquartered in San Jose, CA., and its products and services are available through a global network of VARs and technology service providers.

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Visit www.surelinesystems.com
or send an email to sales@surelinesystems.com

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